



Direction Dial Indicating Torque Wrench



DB12N4



DB100N



DBE700N



Memory Pointer (Red needle)

DB Optional Accessories



846

Carrying Case (P.46)

Part #	Applicable Model Dimension [mm]	Weight [kg]
846	DB100N-S, CDB100N×15D-S or less (H170 × W500 × D100)	1.0
847	DB280N-S, CDB280N×22D-S or less (H170 × W740 × D100)	1.6

Inspection **Dial Indicating** **Direct Reading** **RoHS**

- Memory pointer for easy torque reading
- Ideal for torque measuring and quality check applications

Accuracy ±3%

S.I. Model	Torque Range [N·m/kN·m]		Metric Model	Torque Range [kgf·cm/kgf·m]		American Model	Torque Range [lbf·in/lbf·ft]		Overall Length [mm]	Square Drive [mm]	Weight [kg]
	Min.-Max.	Grad.		Min.-Max.	Grad.		Min.-Max.	Grad.			
DB1.5N4-S	0.2-1.5	0.02	15DB4-S	2-15	0.2	DB13I-2AS	0-13	0.2			
DB3N4-S	0.3-3	0.05	30DB4-S	3-30	0.5	DB26I-2AS	0-26	0.5	205	6.35	0.4
DB6N4-S	0.6-6	0.1	60DB4-S	6-60	1	DB40I-2AS	0-40	1			
DB12N4-S	1-12	0.2	120DB4-S	10-120	2	DB75I-2AS	0-75	1			
DB25N-1/4-S	3-25		230DB3-1/4-S	30-250		DB150I-2AS	0-150	2	245		
DB25N-S		0.5	230DB3-S		5	DB150I-3AS					0.6
DB50N-S	5-50		450DB3-S	50-500		DB300I-3AS	0-300	5	320		9.5
DB100N-3/8-S	10-100	1	900DB3-3/8-S	100-1000	10	DB600I-3AS	0-600	10	400		0.7
DB100N-S			900DB3-S			DB600I-4AS				12.7	
							lbf·ft	lbf·ft			
						DB25F-3AS	0-25		320		0.6
						DB50F-3AS		0.5		9.5	
						DB50F-4AS	0-50		400		0.7
DB200N-S	20-200	2	1800DB3-S	200-2000	20	DB100F-4AS	0-100	1	500		
				kgf·m	kgf·m					12.7	1.0
						DB175F-4AS	0-175	2	540		
DB280N-1/2-S	30-280		2800DB3-1/2-S							690	1.65
DB280N-S			2800DB3-S	3-28		DB250F-6AS	0-250				
		5			0.5	DB350F-6AS	0-350	5	890		2.5
DB420N-S	40-420		4200DB2-S	4-42						19.0	
DBE560N-S	50-560		5600DBE2-S	5-56					1100		4.0
DBE700N-S	70-700		7000DBE2-S	7-70		DB500F-6AS	0-500	10	1260		5.5
DBE850N-S	100-850	10	8500DBE2-S	10-85	1				1360		6.1
DBE1000N-S	100-1000		10000DBE2-S	10-100		DB800F-8AS	0-800		1490		6.4
		20			2	DB1000F-8AS	0-1000	10	1740	25.4	8.6
DBE1400N-S	200-1400		14000DBE2-S	20-140		DB1500F-8AS	0-1500		2140		12.8
DBE2100N-S	200-2100		21000DBE2-S	20-210		DB2000F-12AS	0-2000	20	2380		16.8
DBE2800N-S	300-2800	50	28000DBE2-S	30-280							38.1
	kN·m	kN·m			5	DB3000F-12AS	0-3000	50	1285		26.5
DBR4500N-S	0.5-4.5	0.05	45000DBR-S	50-450					1585	44.5	27.5
DBR6000N-S	0.6-6	0.1	60000DBR-S	60-600							

- Note**
1. "Without memory pointer" models are available. Remove "-S" from the model name when ordering. (Ex. DB100N)
 2. DBR models require winch or mechanical loading device.
 3. DBR Models are supplied upon request.
 4. For models having over 25.4mm square drive, use with a through-hole socket.
 5. Accuracy of American models is warranted from 20% of max. torque.